

Title (en)
MEDICAL DEVICE

Title (de)
MEDIZINISCHE VORRICHTUNG

Title (fr)
DISPOSITIF MÉDICAL

Publication
EP 4205791 A1 20230705 (EN)

Application
EP 21882901 A 20211021

Priority
• JP 2020177200 A 20201022
• JP 2021038927 W 20211021

Abstract (en)
Provided is a medical device that can prevent the rotating operation part from rotating more than the operator's intention and improve the operability to control the direction of the head of the tubular member. The medical device 1 includes a flexible tubular member 13; a rotating operation part 11 that deflects the head of the tubular member 13 in a first direction when rotating in positive rotation direction and deflects the head of the tubular member 13 in a second direction when rotating in negative rotation direction opposite to the positive direction; and a handle case 12 that is gripped when the rotating operation part 11 is operated to rotate; and an O-ring 17 that is placed between the rotating operation part 11 and the handle case 12 and produces frictional force between the rotating operation part 11 and the handle case 12 when the rotating operation part 11 is operated to rotate.

IPC 8 full level
A61M 25/092 (2006.01)

CPC (source: EP US)
A61M 25/0113 (2013.01 - US); **A61M 25/0136** (2013.01 - EP); **A61M 25/0147** (2013.01 - EP); **A61M 2025/015** (2013.01 - EP)

Citation (search report)
See references of WO 2022085761A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4205791 A1 20230705; JP 2022068489 A 20220510; JP 6967644 B1 20211117; US 2023372672 A1 20231123;
WO 2022085761 A1 20220428

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EP 21882901 A 20211021; JP 2020177200 A 20201022; JP 2021038927 W 20211021; US 202118247813 A 20211021